

# How to Order

Actuation Solutions and Systems for the World's Most Challenging Environments

## SERIES

PA - Aluminum  
PS - Steel  
PC - Stainless Steel

## BORE SIZE

C - 1 1/2" L - 6"  
D - 2" M - 7"  
E - 2 1/2" N - 8"  
G - 3 1/4" P - 10"  
H - 4" R - 12"  
K - 5" S - 14"

## ROD DIAMETER

C - 5/8" K - 2 1/2"  
E - 1" L - 3"  
G - 1 3/8" M - 3 1/2"  
H - 1 3/4"  
J - 2"

## ROD THREAD STYLE

N - Standard Thread  
M - Metric

## ROD THREAD SIZE

1 - Small Male  
2 - Intermediate Male  
3 - Full Male  
4 - Small Female  
P - Plain (Use with style N thread)

## CUSHIONS

2 - Non adjustable both ends  
3 - Non adjustable head end  
4 - Non adjustable cap end  
5 - Adjustable both ends  
6 - Adjustable head end  
7 - Adjustable cap end  
8 - None

## CUSHIONS POS

- Omit if non Cushion  
- Cushion on one end CX  
*X denotes position*  
*ex: C1 = Pos 1*  
- Cushion on one end CXX  
*XX denotes position*  
*ex: C12 = Pos 1 head*  
*Pos 2 Cap*

## APPLICATION MODS

- - Omit if not required  
GR2 - Metallic rod scraper  
P2 - Magnetic piston  
S5 - Hydraulic use (250psi max)  
S5 not available with cushions  
*List application mods alpha numerically*

## SEALS

N - Standard Seals  
F - High Temp  
L - Low Temp

## PORTS

SXX - SAE  
NXX - NPT  
TXX - BSPT

*XX denotes position*  
*ex: 12 = Pos 1 head,*  
*Pos 2 Cap*

## SPECIAL OPTIONS

- - Omit if not required  
A# - Thread extension ex: A2.50 = A = 2.50"  
BN - Neoprene Rod Boot (-46C to 107C)\*  
BS - Silicone Rod Boot (-46C to 266C)\*  
C1 - Polyurethane Paint  
C2 - Nickel Plating  
M2 - Stainless Steel tie rods  
M3 - 316 Stainless Steel piston rod  
ST - Stop Tube  
W# - Rod Extension ex: W2.50 = W = 2.50"  
XI - For T4 mount only  
Modifications to be listed alphanumerically after the stroke  
*ex: PSHEN15C22NN11X012.00A2.5C1W5.5*

*\*Cylinders with rod boots require special W*  
*W=Stroke x 0.125 + 3/4 + std W*

## MOUNTINGS

P1 MP1 mount: Female clevis  
P2 MP2 mount: Detachable female clevis  
P3 MP3 mount: Male clevis  
P4 MP4 mount: Detachable male clevis  
P5 MP5 mount: Spherical bearing  
P6 MP6 mount: Detachable spherical bearing  
E3 ME3 mount: Head square  
E4 ME4 mount: Cap square  
F1 MF1 mount: Head rectangular flange  
F2 MF2 mount: Cap rectangular flange  
F5 MF5 mount: Head square flange  
F6 MF6 mount: Cap square flange  
X1 MX1 mount: Extended tie rod both ends  
X3 MX3 mount: Extended tie rod head end  
X2 MX2 mount: Extended tie rod cap end  
X0 MX0 mount: No mount

S1 MS1 mount: Side end angles  
S2 MS2 mount: Side lugs  
SC2 MS2 mount: Side lugs, thrust key on cap end  
SH2 MS2 mount: side lugs, thrust key on head end  
S3 MS3 mount: Centerline lugs  
S4 MS4 mount: Side tapped  
S7 MS7 mount: Side end lugs  
T1 MT1 mount: Head end trunnion  
T1S MT1 mount: Steel Head with welded trunnion pins  
T1I MT1 mount: Steel Head with integral trunnion pins  
T2 MT2 mount: Cap end trunnion  
T2S MT2 mount: Steel Cap with welded trunnion pins  
T2I MT2 mount: Steel Cap with integral trunnion pins  
T4 MT4 mount: Intermediate trunnions  
*(Specify XI at end of stroke)*

## EXAMPLE

